

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126342.D
 Acq On : 23 Dec 2021 14:04
 Operator : JU/CG
 Sample : M5187-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-119-1-10-40

Quant Time: Dec 27 06:49:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

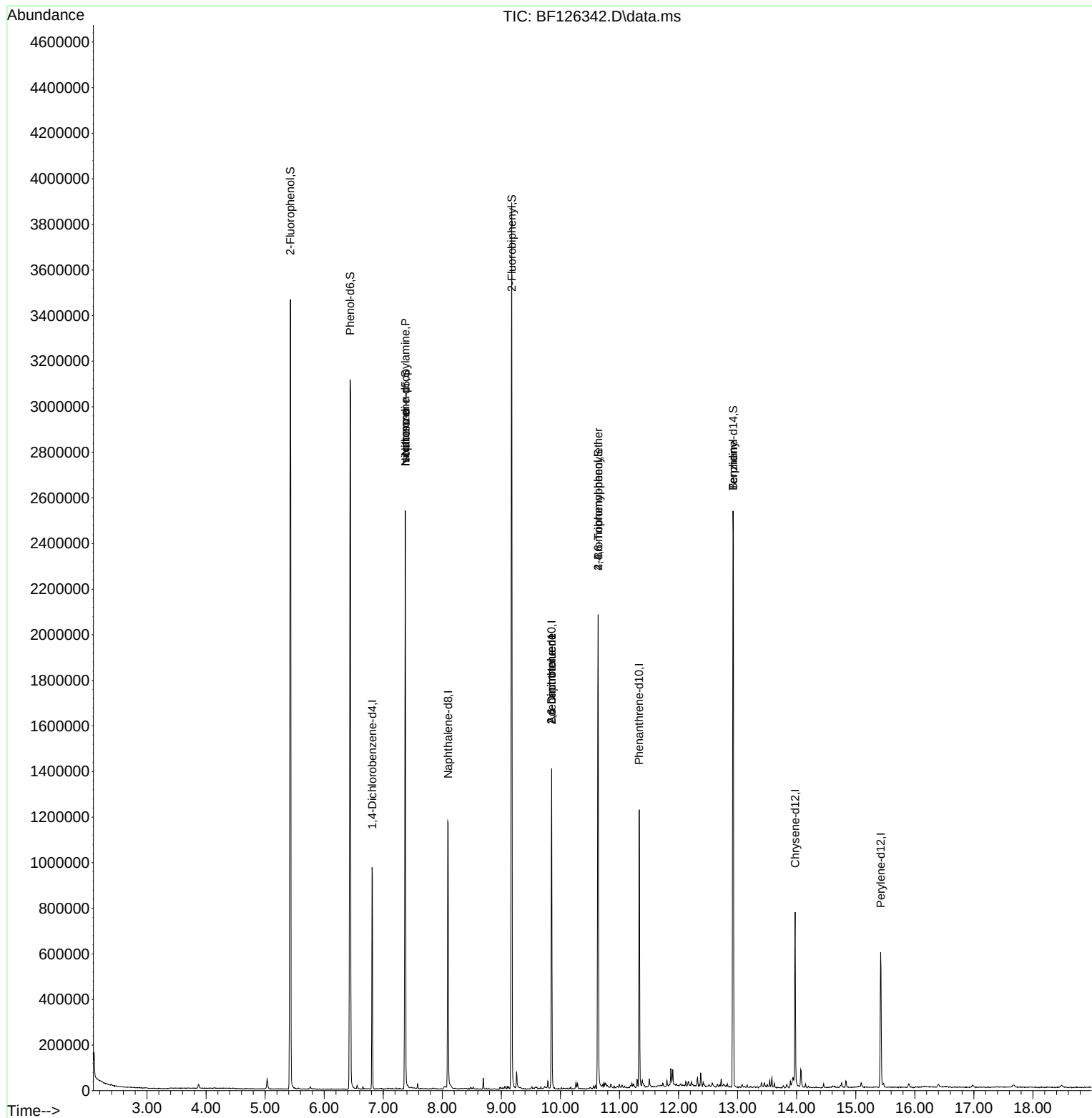
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	143489	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	600647	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	273917	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	420763	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	249562	20.000	ng	0.00
86) Perylene-d12	15.421	264	249711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1100071	112.902	ng	0.00
7) Phenol-d6	6.439	99	1383282	111.808	ng	0.00
23) Nitrobenzene-d5	7.375	82	888453	80.110	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	250952	114.001	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	1188018	76.068	ng	0.00
79) Terphenyl-d14	12.927	244	887938	61.842	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	113264	14.913	ng	# 56
25) Isophorone	7.375	82	885858	42.298	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	35664	9.496	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	35664	7.444	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	13412	3.396	ng	# 1
77) Benzidine	12.927	184	10751	2.733	ng	# 94

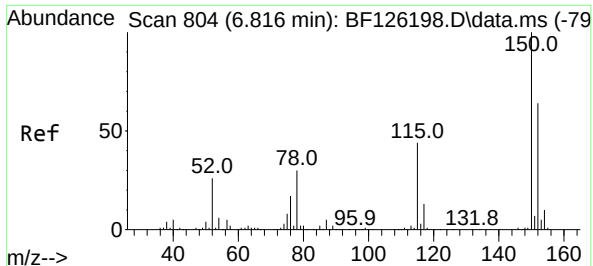
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126342.D
Acq On : 23 Dec 2021 14:04
Operator : JU/CG
Sample : M5187-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-10-40

Quant Time: Dec 27 06:49:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

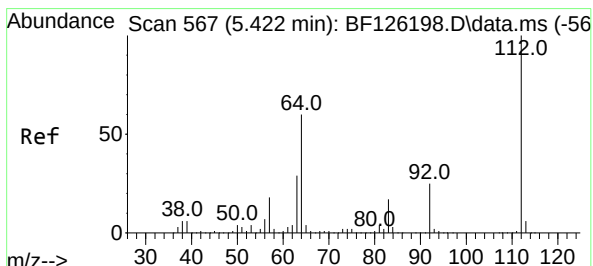
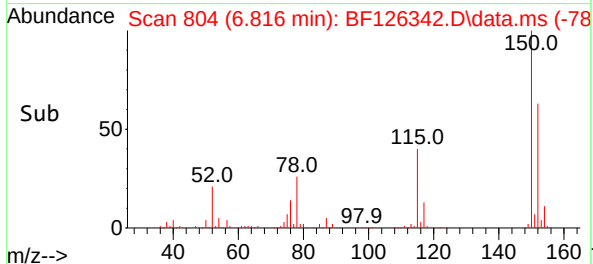
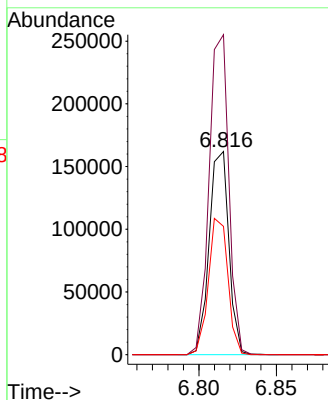
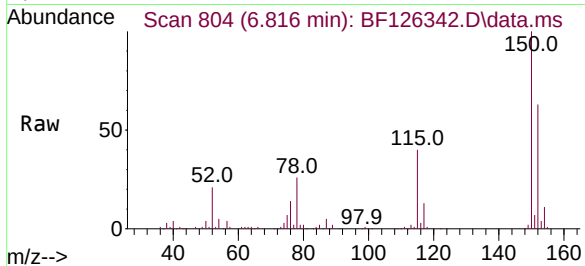




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

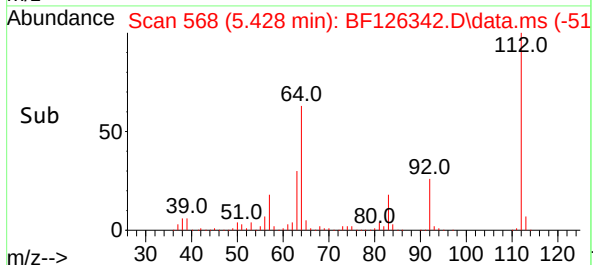
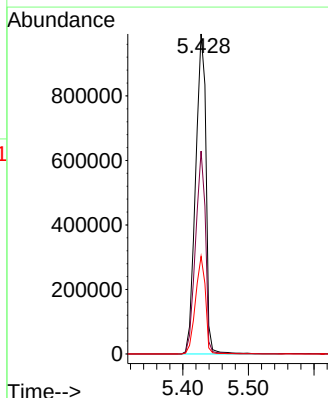
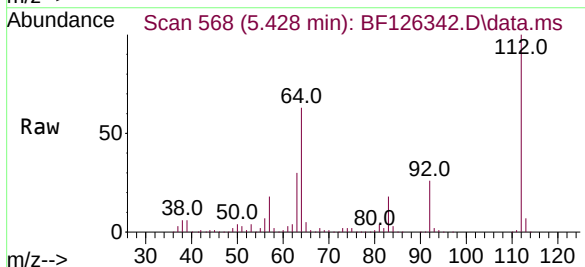
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-10-40

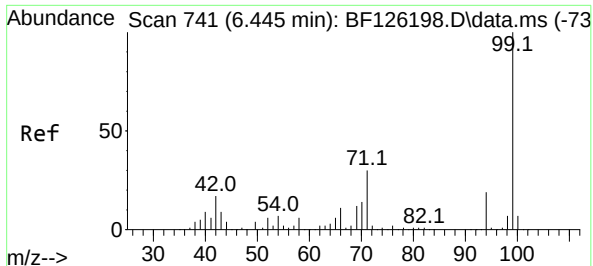
Tgt Ion:152 Resp: 143489
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 112.902 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

Tgt Ion:112 Resp: 1100071
Ion Ratio Lower Upper
112 100
64 63.4 44.2 66.2
63 30.5 26.2 39.2

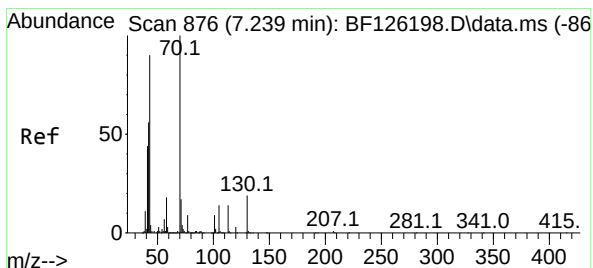
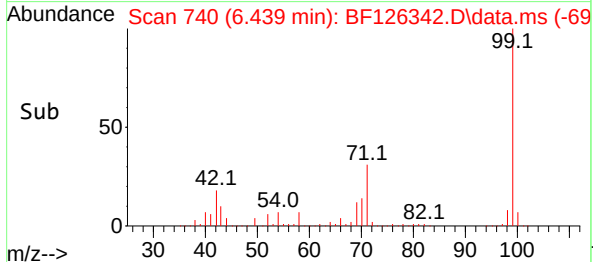
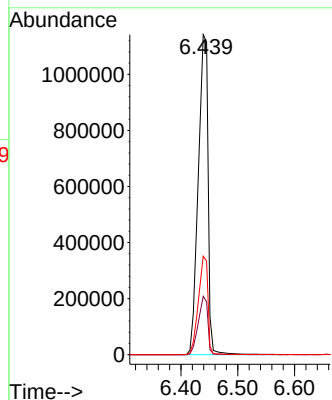
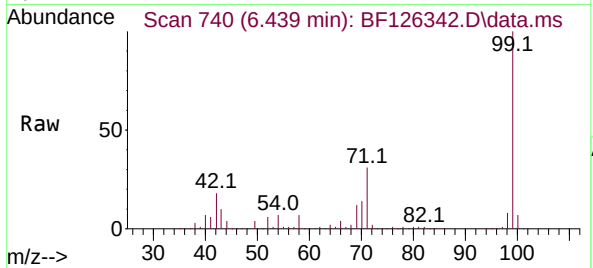




#7
Phenol-d6
Concen: 111.808 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

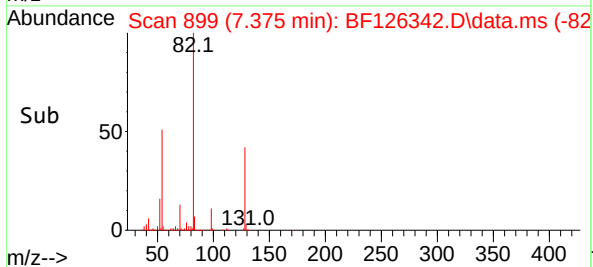
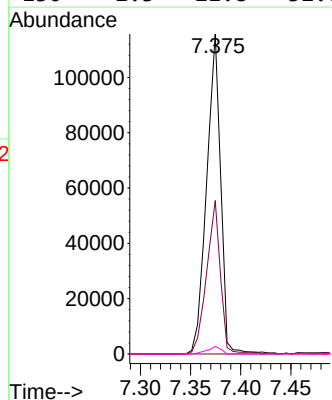
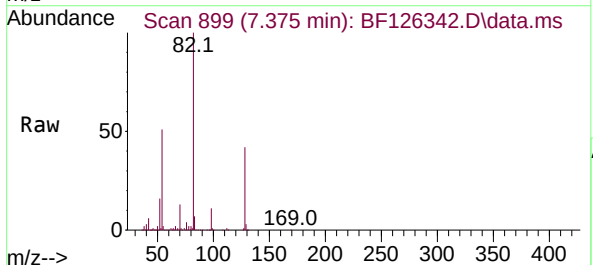
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-10-40

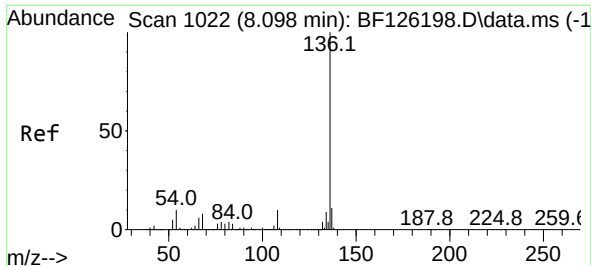
Tgt Ion: 99 Resp: 1383282
Ion Ratio Lower Upper
99 100
42 18.2 23.5 35.3#
71 30.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.913 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

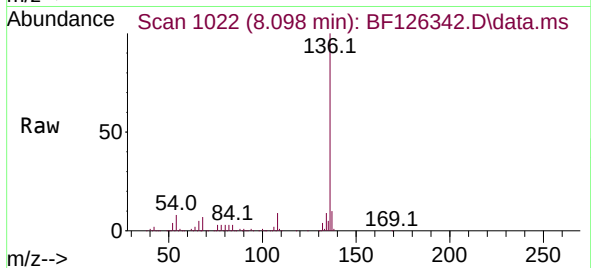
Tgt Ion: 70 Resp: 113264
Ion Ratio Lower Upper
70 100
42 47.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



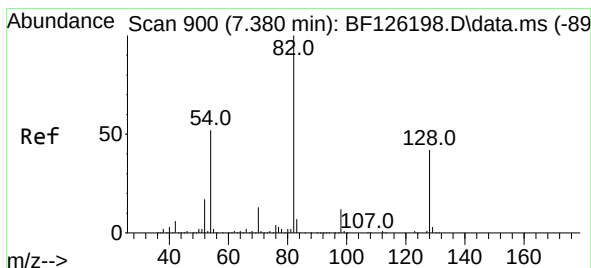
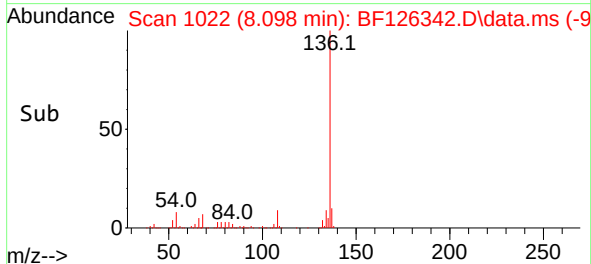
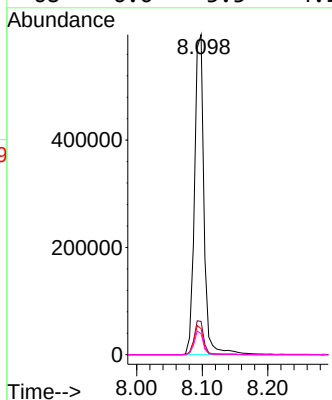


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-10-40

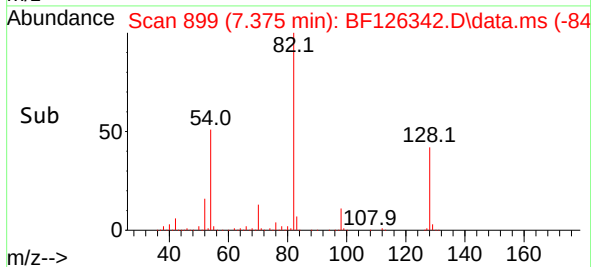
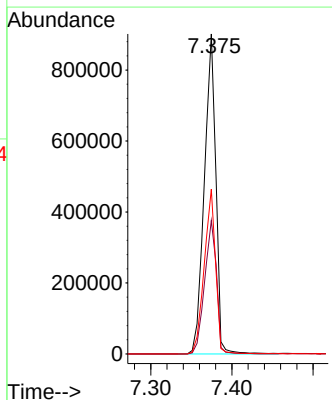
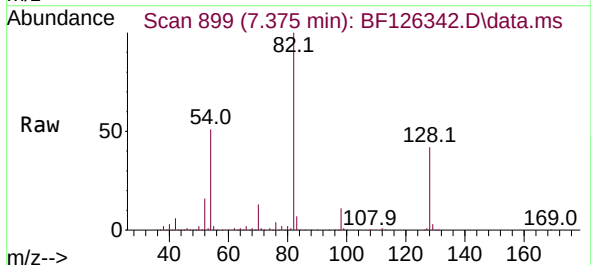


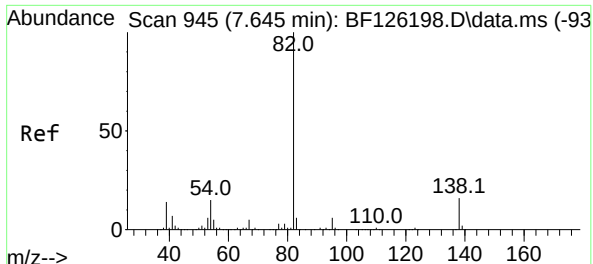
Tgt Ion:	136	Resp:	600647
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	8.2	6.4	9.6
68	6.6	3.3	4.9



#23
Nitrobenzene-d5
Concen: 80.110 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

Tgt Ion:	82	Resp:	888453
Ion	Ratio	Lower	Upper
82	100		
128	41.7	40.6	60.8
54	51.5	49.6	74.4

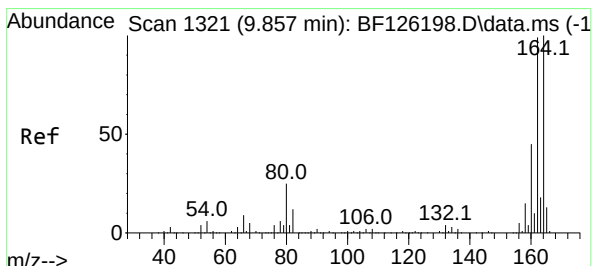
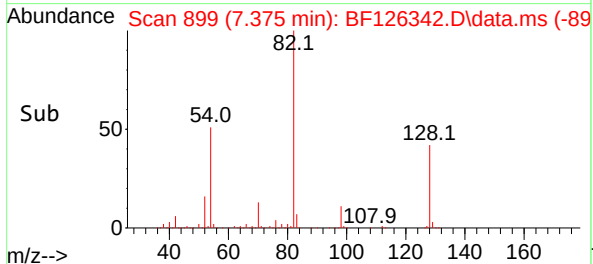
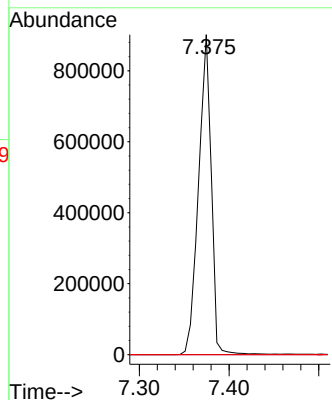
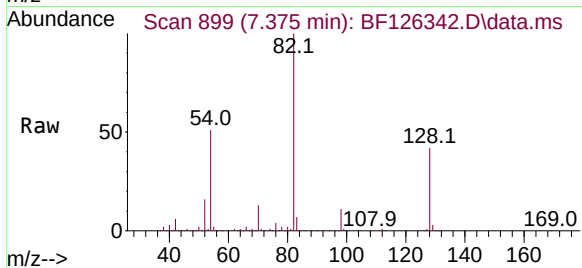




#25
Isophorone
Concen: 42.298 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

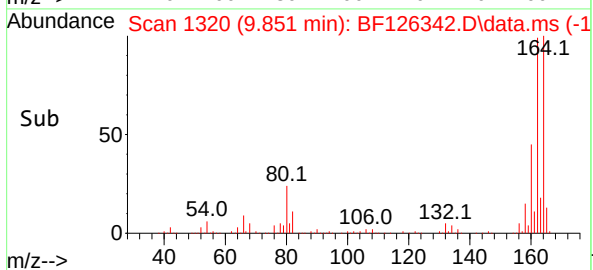
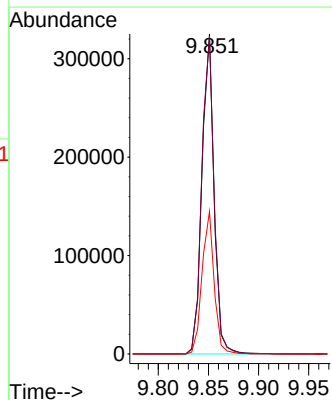
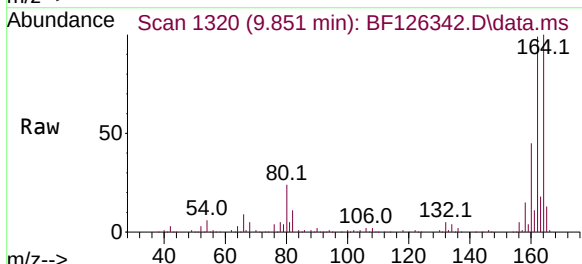
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-10-40

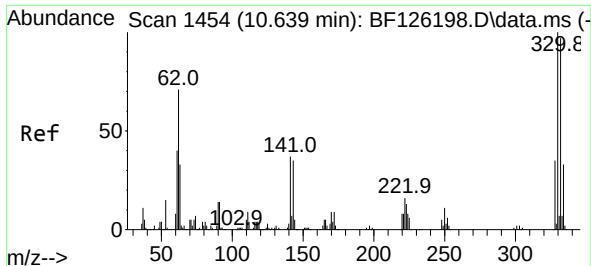
Tgt Ion: 82 Resp: 885858
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

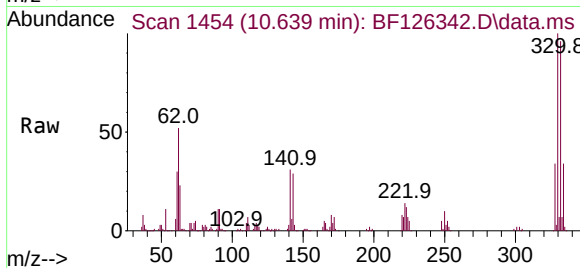
Tgt Ion:164 Resp: 273917
Ion Ratio Lower Upper
164 100
162 99.3 81.3 121.9
160 44.5 38.0 57.0



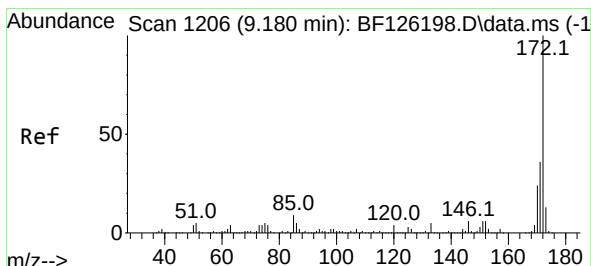
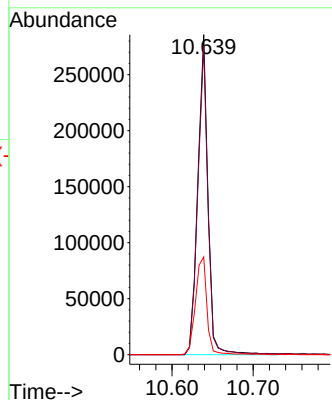
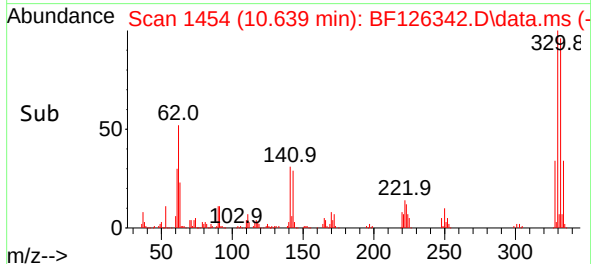


#42
2,4,6-Tribromophenol
Concen: 114.001 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

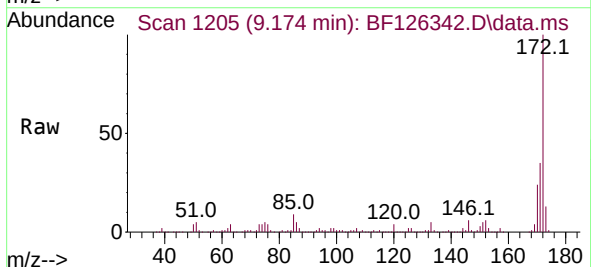
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-10-40



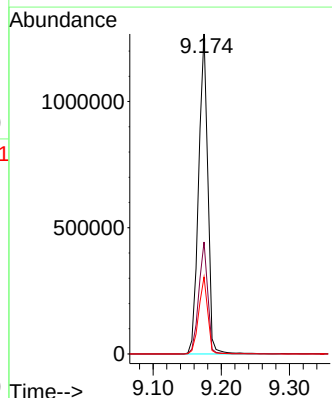
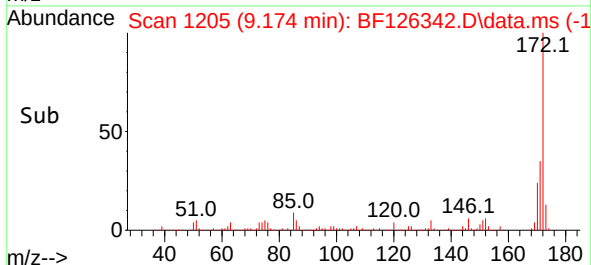
Tgt Ion:330 Resp: 250952
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 34.5 44.6 66.8#

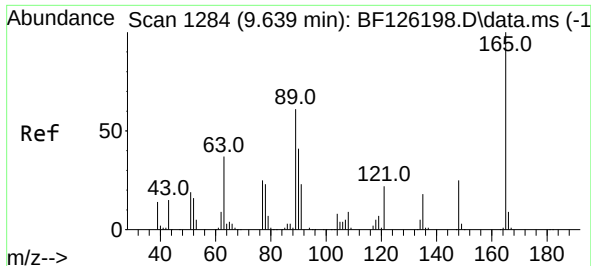


#45
2-Fluorobiphenyl
Concen: 76.068 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04



Tgt Ion:172 Resp: 1188018
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 24.1 18.8 28.2

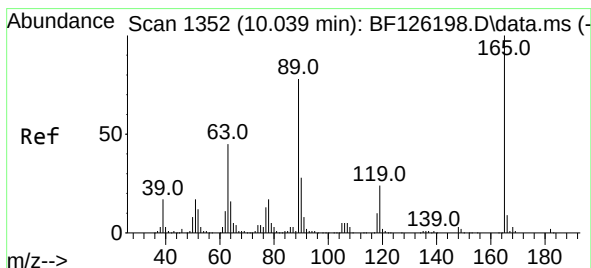
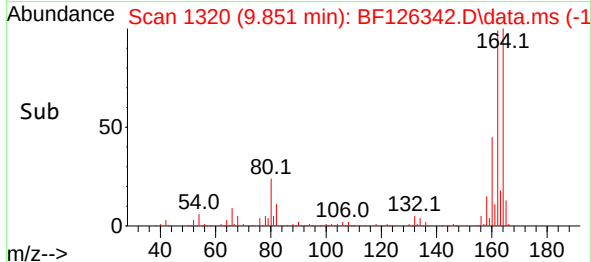
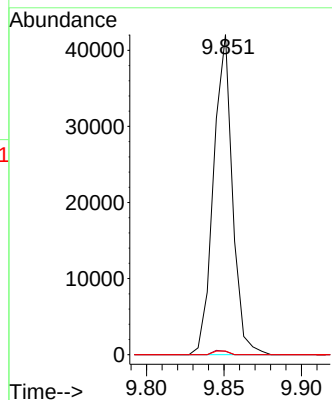
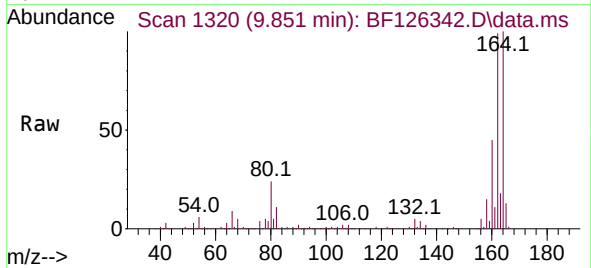




#51
2,6-Dinitrotoluene
Concen: 9.496 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

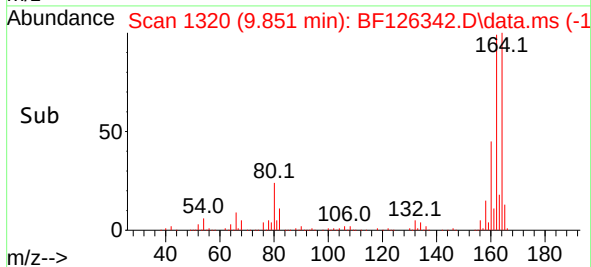
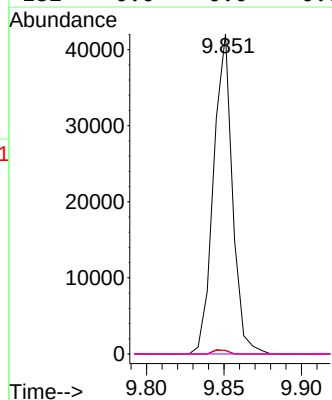
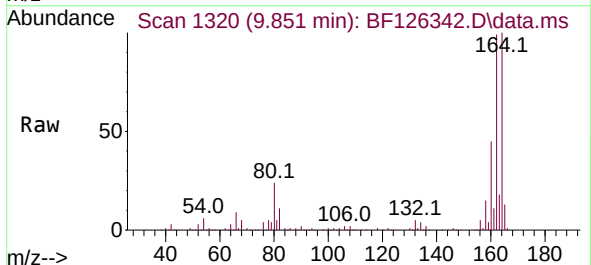
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-10-40

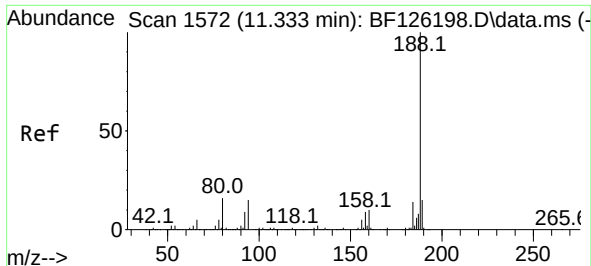
Tgt Ion:165 Resp: 35664
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.444 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

Tgt Ion:165 Resp: 35664
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

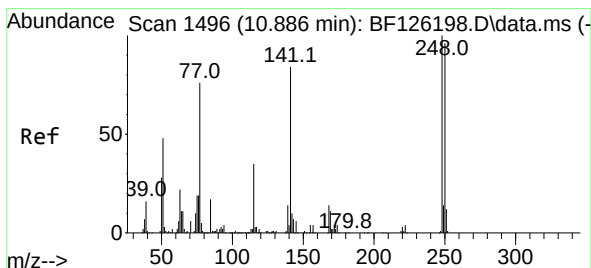
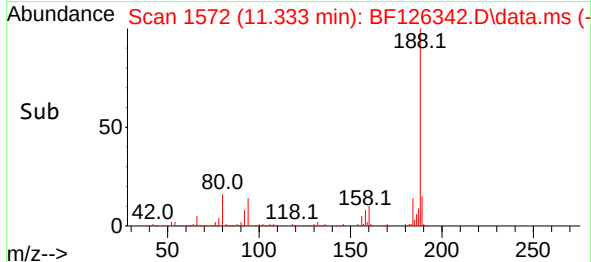
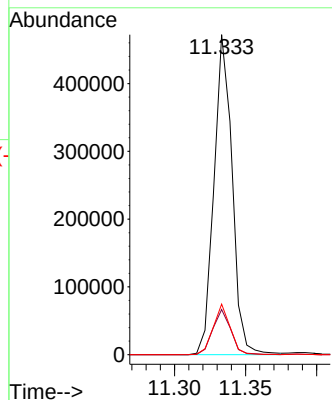
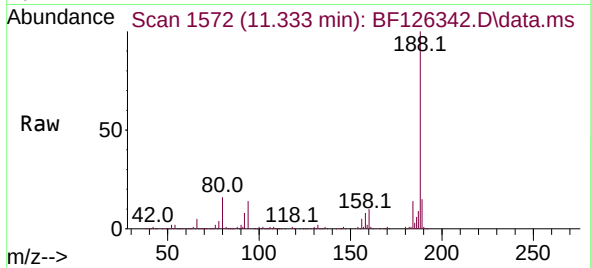




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

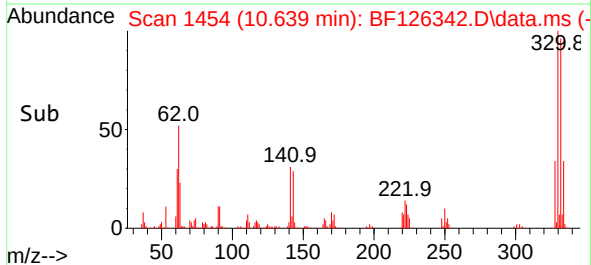
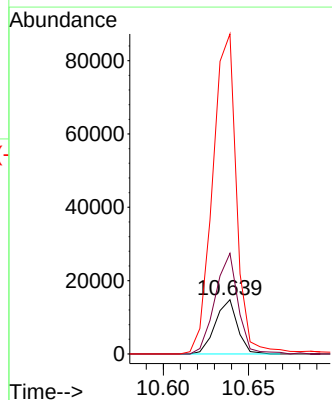
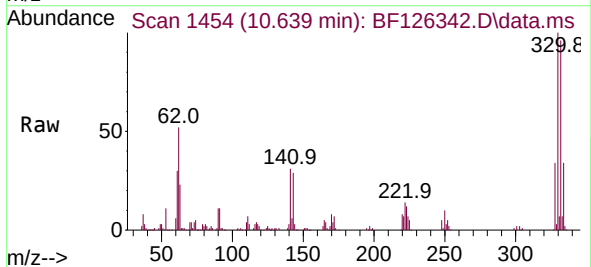
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-10-40

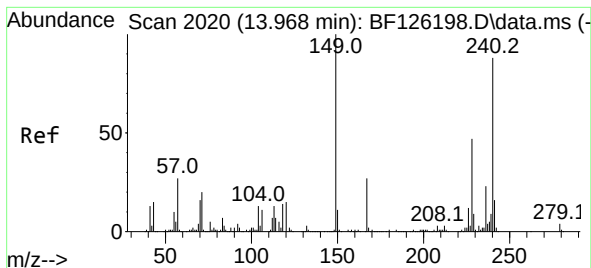
Tgt Ion:188 Resp: 420763
Ion Ratio Lower Upper
188 100
94 14.1 6.7 10.1#
80 15.8 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.396 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126342.D
Acq: 23 Dec 2021 14:04

Tgt Ion:248 Resp: 13412
Ion Ratio Lower Upper
248 100
250 185.5 74.2 111.4#
141 589.6 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126342.D

Acq: 23 Dec 2021 14:04

Instrument :

BNA_F

ClientSampleId :

SASP2-119-1-10-40

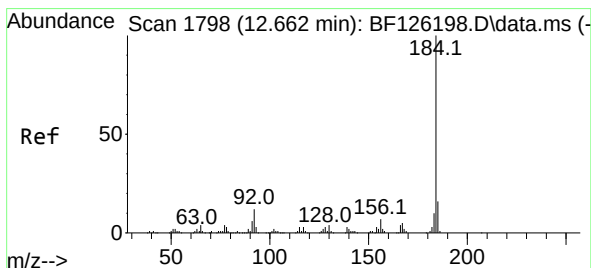
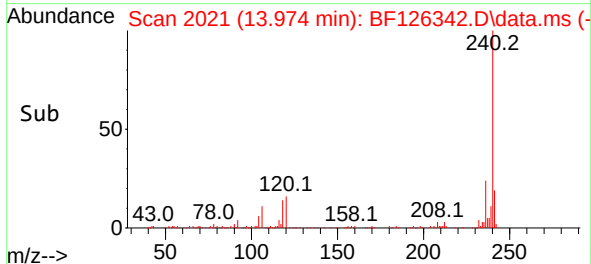
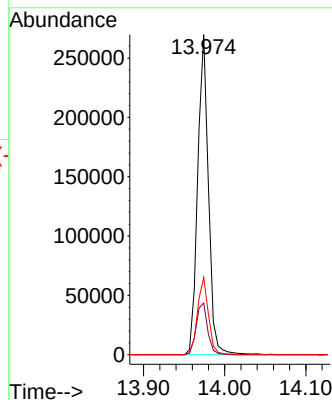
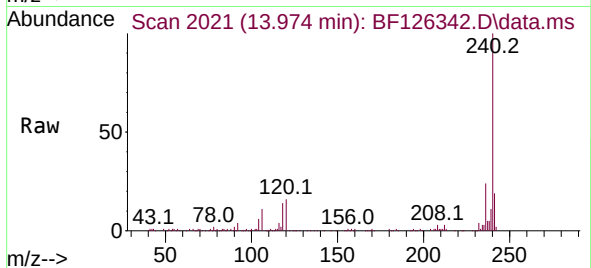
Tgt Ion:240 Resp: 249562

Ion Ratio Lower Upper

240 100

120 16.1 10.8 16.2

236 24.1 21.6 32.4



#77

Benzidine

Concen: 2.733 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.253 min

Lab File: BF126342.D

Acq: 23 Dec 2021 14:04

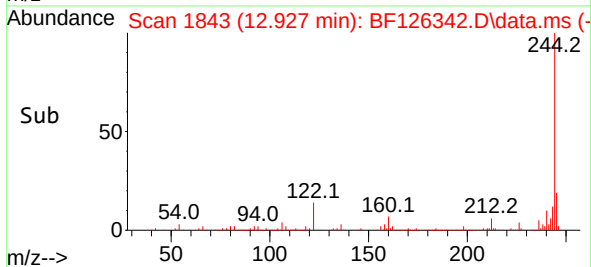
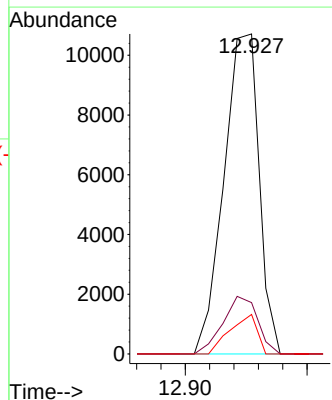
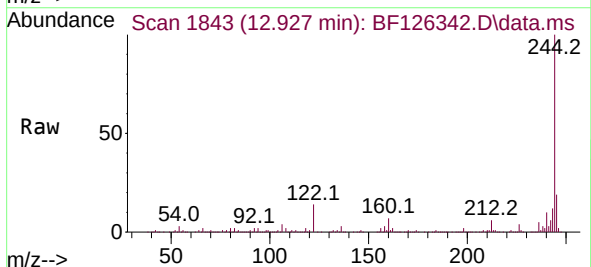
Tgt Ion:184 Resp: 10751

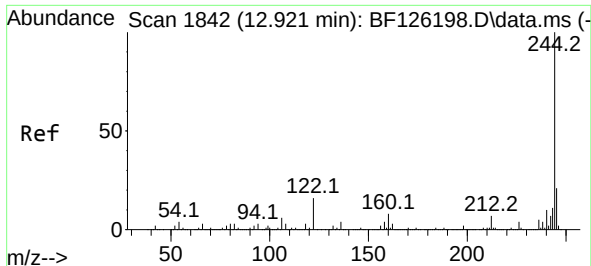
Ion Ratio Lower Upper

184 100

185 16.0 10.8 16.2

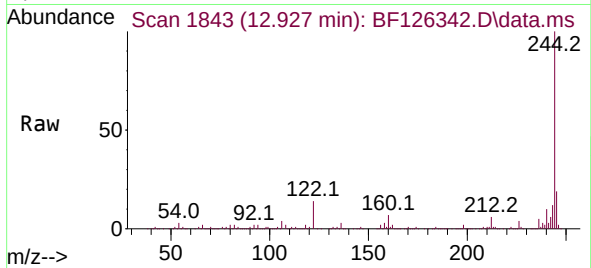
183 12.4 8.1 12.1#



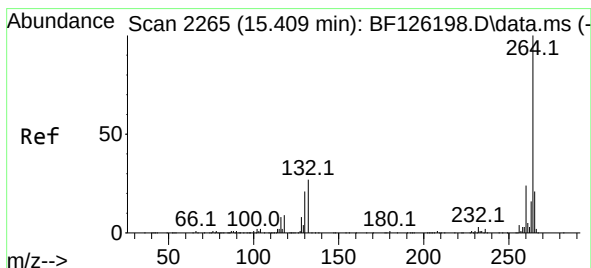
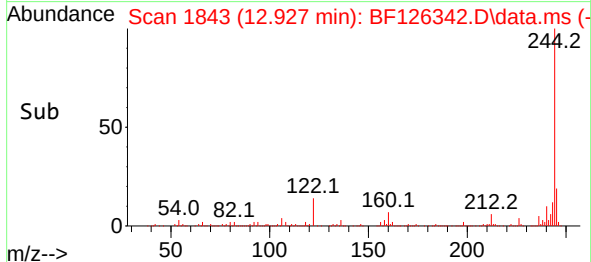
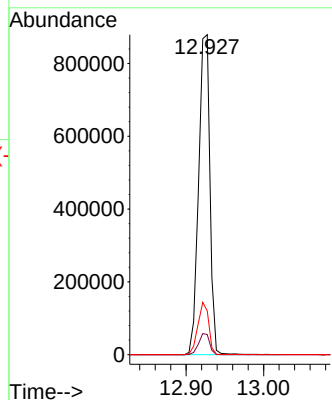


#79
 Terphenyl-d14
 Concen: 61.842 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF126342.D
 Acq: 23 Dec 2021 14:04

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-119-1-10-40



Tgt Ion:244 Resp: 887938
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 13.7 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126342.D
 Acq: 23 Dec 2021 14:04

Tgt Ion:264 Resp: 249711
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 20.4 17.2 25.8

